

# Benzo[b]thiophene, 3,5-dimethyl-

**Other names:** 3,5-Dimethylbenzo[b]thiophene;  
3,5-dimethyl-benzothiophene.

**InChI:** InChI=1S/C10H10S/c1-7-3-4-10-9(5-7)8(2)6-11-10/h3-6H,1-2H3

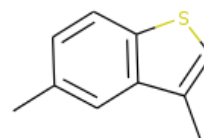
**InChI Key:** UQJSHXYNNVEGMQ-UHFFFAOYSA-N

**Formula:** C10H10S

**SMILES:** Cc1csc2ccc(C)cc12

**Molecular Weight:** 162.25

**CAS:** 1964-45-0



## Physical Properties

Property	Value	Unit	Source
$\log P_{\text{oct/wat}}$	3.518		Crippen Method

## Sources

**NIST Webbook:**

[http://webbook.nist.gov/cgi/inchi/InChI=1S/C10H10S/c1-7-3-4-10-9\(5-7\)8\(2\)6-11-10/h3-6H,1-2H3](http://webbook.nist.gov/cgi/inchi/InChI=1S/C10H10S/c1-7-3-4-10-9(5-7)8(2)6-11-10/h3-6H,1-2H3)

**Crippen Method:** <http://pubs.acs.org/doi/abs/10.1021/ci9903071>

## Legend

$\log P_{\text{oct/wat}}$ : Octanol/Water partition coefficient .

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